



Material Content Data Sheet



Sales Product Name		IPT60R028G7		Issued		19. January 2018		
MA#		MA001509884						
Package		PG-HSOF-8-2		Weight*		768.17 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.237	0.03		309	
	noble metal	gold	7440-57-5	0.920	0.12		1198	
	inorganic material	silicon	7440-21-3	7.219	0.94	1.09	9398	10905
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		164	
	non noble metal	iron	7439-89-6	0.421	0.05		548	
	non noble metal	copper	7440-50-8	420.040	54.68	54.75	546809	547521
wire	non noble metal	aluminium	7429-90-5	7.269	0.95	0.95	9463	9463
encapsulation	organic material	carbon black	1333-86-4	4.874	0.63		6345	
	plastics	epoxy resin	-	53.613	6.98		69793	
	inorganic material	silicondioxide	60676-86-0	266.440	34.69	42.30	346852	422990
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8434	8434
plating	inorganic material	phosphorus	7723-14-0	0.001	0.00		2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	685	687
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com